SEQUENCE LISTING

<110>    KUBICKA, Stefan
         KUHNEL, Florian
         SCHULTE, Bernd

<120>    ADAPTER FOR COUPLING A SUBSTANCE WHICH IS TO BE COUPLED TO A CELL
          SURFACE

<130>    Q95566

<150>    PCT/EP2004/014419
<151>    2004-12-17

<150>    EP 03 029 139.7
<151>    2003-12-18

<160>    11

<170>    PatentIn version 3.3

<210>    1
<211>    33
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    human Coxsackie Adenovirus Receptor (hCAR) 5'-Primer


<220>
<221>    misc_recomb
<222>    (3)..(8)
<223>    KpnI restriction site

<220>
<221>    misc_feature
<222>    (9)..(11)
<223>    translation start codon of hCAR

<400>    1
gtggtaccat ggcgctcctg ctgtgcttcg tgc                                    33


<210>    2
<211>    42
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    human Coxsackie Adenovirus Receptor (hCAR) 3'-Primer


<220>
<221>    misc_recomb
<222>    (3)..(10)
<223>    NotI restriction site

<220>
<221>    misc_feature

1/5

<222>    (11)..(42)
<223>    complementary bases, corresponding to bases 776 to 807 of hCAR
         (accession no. NM 001338)

<400>    2
tagcggccgc ctttatttga aggagggaca acgtttagac gc                          42


<210>    3
<211>    75
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    5'-PCR primer for HIV tat basic region


<220>
<221>    misc_recomb
<222>    (4)..(11)
<223>    NotI restriction site

<220>
<221>    misc_feature
<222>    (36)..(65)
<223>    "sense" oligonucleotide, corresponding to bases nos. 5518-5547 of
         the HIV genome (accession no. NC 001802)

<220>
<221>    misc_recomb
<222>    (68)..(73)
<223>    XbaI restriction site

<400>    3
aaagcggccg cggaggagga agtggaggag gaggaggcag gaagaagcgg agacagcgac        60

gaagaggtct agaaa                                                         75


<210>    4
<211>    10
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    basic region of HIV tat protein

<400>    4

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1               5                   10


<210>    5
<211>    75
<212>    DNA
<213>    Artificial Sequence

<220>
<223>    3'-PCR primer for HIV tat basic region

<220>
<221> misc_feature
<222> (1)..(75)
<223> complementary to pCAR(ex)TAT48-57 5'

<400> 5
tttctagacc tcttcgtcgc tgtctccgct tcttcctgcc tcctcctcct ccacttcctc        60

ctccgcggcc gcttt                                                          75


<210> 6
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> 5'-PCR primer for 9 Arg peptide


<220>
<221> misc_recomb
<222> (4)..(11)
<223> NotI restriction site

<220>
<221> CDS
<222> (36)..(62)
<223> Coding for 9 Arg ("RRRRRRRRR")

<220>
<221> misc_recomb
<222> (65)..(70)
<223> XbaI restriction site

<400> 6
aaagcggccg cggaggagga agtggaggag gagga cgt cgc cga cgg aga agg          53
                                        Arg Arg Arg Arg Arg Arg
                                        1               5

aga cgt aga ggtctagaaa                                                   72
Arg Arg Arg


<210> 7
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> 5'-PCR primer for 9 Arg peptide

<400> 7

Arg Arg Arg Arg Arg Arg Arg Arg Arg
1               5

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<210>  8
<211>  72
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  3'-PCR primer for 9 Arg peptide


<220>
<221>  misc_feature
<222>  (1)..(72)
<223>  complementary to pCAR(ex)-9xArg 5'

<400>  8
tttctagacc tctacgtctc cttctccgtc ggcgacgtcc tcctcctcca cttcctcctc     60

cgcggccgct tt                                                         72



<210>  9
<211>  80
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  5'-PCR primer for antennapedia homeobox-protein fragment


<220>
<221>  misc_recomb
<222>  (3)..(10)
<223>  NotI restriction site

<220>
<221>  misc_feature
<222>  (23)..(70)
<223>  partial coding sequence of Euprymna scolopes antennapedia
       homeodomain protein (accession no.: AY052758), coding for amino
       acids 62-77

<220>
<221>  misc_recomb
<222>  (73)..(78)
<223>  XbaI restriction site

<400>  9
aagcggccgc ggaggaggag gaagacagat caaaatatgg ttccaaaacc ggcgcatgaa     60

atggaagaaa ggtctagaaa                                                 80



<210>  10
<211>  16
<212>  PRT
<213>  Artificial Sequence

<220>
<223>  antennapedia homeobox protein fragment from Euprymna scolopes
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<400> 10

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
1               5                   10                  15


<210> 11
<211> 80
<212> DNA
<213> Artificial Sequence

<220>
<223> 3'-PCR primer for antennapedia homeobox-protein fragment


<220>
<221> misc_feature
<222> (1)..(80)
<223> complementary to pCAR(ex)-AntP62-77 5'

<400> 11
tttctagacc tttcttccat ttcatgcgcc ggttttggaa ccatattttg atctgtcttc      60

ctcctcctcc gcggccgctt                                                  80